

FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
851063.438APPLICATION NO.  
09/490,589

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

APPLICANT  
Leonardo FragapaneFILING DATE  
January 25, 2000GROUP ART U  
2814

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AE						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
#P	AL	JP06140632	20/05/94	Japan (Abstract Only)				
#P	AM	WO91/17570	14/11/91	PCT				
#P	AN	EP0450082A1	09/10/91	Europe				
#P	AO	JP60249367	10/12/85	Japan (Abstract Only)				
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

#P	AR		Chow, T.P. et al., "P-Channel, Vertical Insulated Gate Bipolar Transistors With Collector Short," <i>International Electron Devices Meeting, Washington, Dec. 6-9, 1987</i> , pp. 670-673.
	AS		
	AT		

EXAMINER

DATE CONSIDERED

11/29/00

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).